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CATALOGUE



BULBS, PLANTS, SHRUBS, ROSES, ETC.



Missouri Dahlia Farms Co., Inc.

Phone WAbash 67

2809 WALTON ROAD

WELLSTON STATION

ST. LOUIS, MO.



GENERAL INSTRUCTIONS

In submitting to our customers our fall list we have endeavored to eliminate a long list of varieties of the different items offered and only offer a few of the most satisfactory varieties giving a fair range of coloring. When ordering please write plainly, being sure to give proper address and shipping instructions. Where practical we ship all small orders by parcel post. All items listed in our catalogue are sent prepaid except Roses, shrubs and trees which will be delivered free of charge anywhere in St. Louis and suburbs. Out of town orders of Roses, shrubs and trees will be sent C. O. D. for transportation charges. No charge for packing.

While we exercise the strictest care to see that all items are true to name we are not infallible, sometimes mistakes do occur. In case of an error it is strictly understood that we are not to be held for more than the original purchase price. We will either replace or refund at the option of customers. All stock grown or handled by us has been inspected and is guaranteed to be free from scale or any other dangerous insects and to be delivered to transportation company in a live, healthy condition. Further than this we give no guarantee expressed or implied. On receipt of the goods, if they are not found satisfactory return them at once or notify us immediately for adjustment and we will refund the price including transportation charges.

All the bulbs listed herein are imported by us direct trom Holland.

Everything offered in our catalogue is of the highest quality and will give you the best possible immediate results. The quality of the stock that we offer is not to be compared with that offered by some parties at a somewhat lower price.

HYACINTHS

The Hyacinth is one of the most useful and attractive classes of early spring flowering bulbs, very fragrant. Planted where they will not be disturbed they will remain from year to year for a long time, or they may be lifted after the tops have died down and stored the same as Tulip Bulbs.

Outdoor Culture—The bulbs may be planted anytime from October until ground becomes closed with frost. They succeed in any good well-drained garden soil. Set the bulbs so that the tops will be 3 to 4 inches below the surface and 6 to 10 inches apart. After the ground is frozen about 3 or 4 inches, before severe winter sets in, cover the beds with straw, leaves or old manure to protect them from being raised out of the ground by repeated freezing and thawing. After danger of heavy frost is past in the spring this covering should be removed.

Hyacinths in Glasses—Fine blooms may be obtained by placing the bulb so that the base merely touches the water. A piece of charcoal put in the water will keep it sweet. The glasses should be set in a cool, dark place until they are filled with roots, then they should be brought to the light. A temperature of 60 degrees will produce the best results.

We offer large blooming size bulbs of the following varities of Hyacinths that will give you most excellent results.

Dr. Lieber-Very fine delicate blue.

Gertrude—Deep rosy-pink.

King of the Blues—A grand rich dark lustrous blue. L'Innocence—The most popular of the pure whites, always produces good flowers.

Prins Hendrik—Pure yellow. A grand variety. Roi des Belges—Brilliant crimson-scarlet holding its color better than any other of this shade.

The quality of the Hyacinths that we offer is not to be compared with that of many listed elsewhere at a lower price.

Price: 25c each, \$2.50 per Doz., \$20.00 per 100.

TULIPS

There is no flower that will give such a brilliant color effect in the early spring as the Tulips. Where space will permit the massive planting is very effective. To those that are limited for planting space a more liberal planting of tulips may be done when you bear in mind the fact that after the tulips have finished blooming and sufficiently cured there is ample time to proceed with your planting of bedding plants and so on where the tulips are or have been.

We expect to have a large display of over one hundred varieties of the choicest offerings of the Holland growers.

Culture—Tulips do well planted in any well-drained garden soil and may be planted anytime during the autumn before the ground becomes closed by the frost. The bulbs should be placed from 5 to 6 inches apart and from 3 to 5 inches deep varying with the texture of the soil, except where they are to remain in beds or among shrubbery in which case the bulbs should be covered with 6 inches of soil to allow the cultivation of the plants that may follow or the shrubbery that they may be planted among. While the Tulip is perfectly hardy and requires no covering during the winter a light covering of old manure, leaves or other matter will prove helpful in protecting them from being lifted out of the ground. This should be removed after danger of heavy frost is past.

Tulips may be planted singly in four-inch pots or five or six in six-inch pots or in double or triple rows in window boxes. They need little care after planting other than to be set in a cool, dark cellar and watered occasionally. When an inch or two above the ground they may be brought to the light of a cool window. Plenty of time and little heat mean success, while haste and too much heat will prove disastrous in forcing Tulips.

Tulips may be left in the ground from year to year but the better plan is to lift the bulbs after the foliage has become half dried, allow them to dry off a few hours then move to a dry place away from the hot sun and let them remain until the tops are well cured after which the tops may be removed an inch or so above the bulbs and then stored away in a cool, dry place in flats or shallow boxes not too many bulbs in a box and leave open spaces between to allow free passage of air. Treated this way your bulbs will improve to a certain extent where if they were left in the ground they would deteriate.

The varieties that we offer we have grown for cut flowers and know them to be very fine. If there are other varieties that you prefer let us know what they are and we will likely be able to get them for you.

DARWIN TULIPS

The most of the tulips that we offer are of the Darwin type which include most every color to be found in any flower. The huge flowers on long graceful stems make them most attractive and useful as cut flowers and most gorgeous in their effect in the yard. The Darwins in these respects surpass all other classes.

The following collection of varieties includes all of the most promising colors to be found in tulips and will delight you.

AFTERGLOW

Deep rosy red, broadly edged bronze. 25c each; \$2.50 per Doz.; \$18.00 per 100

BARONNE DE LA TONNAYE

Bright rose margined blush rose. Long, large flower, beautifully shaped, very fine variety. Height 26 inches

50c per Doz.; \$3.75 per 100; \$34.00 per 1000

BARTIGON

Carmine-red, grand variety.

60c per Doz.; \$4.50 per 100: \$40.00 per 1000

BLUE AIMABLE

Bright violet—purple, shaded steel-blue, inside dark violet-purple with blue base, very large and handsome. Height 26 inches.

75c per Doz.; \$5,25 per 100

CITY OF HAARLEM

The largest of the scarlet coloured Darwin Tulips. Brilliant scarlet red with pure white center. (This is one of the highest class Tulips offered by the Holland growers)

20c each: \$2.00 per Doz.

CLARA BUTT

Clear self coloured salmon rosy pink. Fine va-

50c per Doz.; \$3.50 per 100; \$30 per 1000

CLAUDE GILLOT

Dazzling vermillon-scarlet, white base with blue markings, good sized flower of a very distinct shape, very handsome flower. Height 23 inches.

\$1.25 per Doz.; \$8.50 per 100

DREAM

Beautiful soft uniform lilac, large flower. Height 26 inches.

65c per Doz.; \$5.00 per 100; \$45.00 per 1000

EDMEE

Vivid cherry rose, edged soft old rose. Large flower of great beauty. Height 25 inches.
65c per Doz.; \$5.00 per 100; \$45.00 per 1000

ETHEL ROOSEVELT

Clear, soft rose shaded darker, large flower, deliciously scented.

\$1.75 per Doz.; \$12.00 per 100

EUROPE

Glowing salmon-scarlet, shaded rose. Beautiful flower. Height 22 inches.

75c per Doz.; \$5.50 per 100; \$52.00 per 1000

EUTERPE

Brilliant clear lilac, very beautiful. 75c per Doz.; \$5.50 per 100; \$52.00 per 1000

FARNCOMBE SANDERS

Fiery rose scarlet, inside vivid cerise-scarlet with white center marked blue. Large broad petalled flow-er of perfect shape. One of the finest sorts, if not the finest of all reds and salmon-coloured varieties. Height 25 inches.

60c per Doz.; \$4.50 per 100; \$40.00 per 1000

FAUST

Dark satiny purple with blue base, very large and well-formed. Height 30 inches.

85c per Doz.; \$6.50 per 100

FEU BRILLANT

Brilliant clear scarlet, very large. 85c per Doz.; \$6.50 per 100

GLOW

Dazzling vermillion-scarlet, white base with blue markings. A very beautiful Tulip, like a large Poppy so brilliant is the colour. A splendid variety. Height 23 inches.

85c per Doz.; \$6.50 per 100; \$62.00 per 1000

LA CANDEUR

(White Queen)—Lovely soft white slightly tinged blush; a beautiful large gobular erect flower. 75c per Doz.; \$5.50 per 100; \$45.00 per 1000

LA TULIPE NOIRE

(The Black Tulip)—Very large flower of unique colour, very beautiful. Height 25 inches.
75c per Doz.; \$5.50 per 100

LOUISE DE LA VALLIERE

Bright rosy pink with blue base, large. A Tulip of the rarest beauty.

50c each; \$5.00 per Doz.; \$45.00 per 100

MADAME KRELAGE

Brigh lilac, margined pale silvery rose, inside soft se-pink. Very large flower of grand form. Height rose-pink. 28 inches.

50c per Doz.; \$4.00 per 100; \$35.00 per 1000

MASSACHUSETTS

Vivid pink with white center. Large flower of a splendid form and color. Height 26 inches. 70c per Doz.; \$5.00 per 100, \$45.00 per 1000

MILLET

Dark bronzy red, extra.

75c per Doz.; \$5.50 per 100

MYSTERY

Brownish purple-Black, large flower, extremely beautiful and rare.

50c each; \$5.00 per Doz.; \$45.00 per 100

NAUTICUS

Glowing dark cerise-rose, center dark violet, shaded bronze, large and handsome. Height 30 inches. 75c per Doz.; \$5.00 per 100; \$48.00 per 1000

NORA WARE

Silvery lilac shaded white, extremely beautiful. Height 22 inches.

85c per Doz.; \$6.50 per 100

ORANGE PERFECTION

Deep salmon orange flushed red. One of the most classy Tulips offered by the Holland growers. \$1.00 each; \$10.00 per Doz.

PRESIDENT TAFT

Dark scarlet red with light edge. A handsome Tulip that will add extreme class to any collection.

35c each; \$3.50 per Doz.

PRIDE OF HAARLEM

Bright rose suffused with purple. An enormous flower of superb form and grand beauty. A stately plant for borders and amongst shrubs. For groups this variety is unsurpassed, both for its glorious colour and its stately habit. Height 28 inches.

55c per Doz.; \$3.75 per 100; \$33.00 per 1000

PROF. RAUWENHOFF

Full cherry rose with ivory white and blue star at use. Flower of enormous size. Height 28 inches. 70c per Doz.; \$5.00 per 100; \$45.00 per 1000 base.

REVEREND H. EWBANK

Vivid heliotrope lilac, likely bordered. Magnificent flower, extremely beautiful.

60c per Doz.: \$4.25 per 100: \$38.00 per 1000

ROSINI Satin rose, large flower, extra. A handsome Tulip that will delight you.

45c each; \$4.50 per Doz.; \$35.00 per 100

SALMON KING

Salmon-rose shaded rose, very pretty. Height 22 inches.

70c per Doz.; \$5.00 per 100

SIR TREVOR LAWRENCE

Reddish violet, tinted copper, white base. \$1.75 per Doz.; \$12.00 per 100

THE YELLOW DARWIN

(Inglescombe Yellow)-While this is not strictly a (Inglescombe reliow)—While this is not strictly a Darwin it is listed by many as such on account of its resemblance to that class in its form, length of stem and usefulness as a cut flower. There is no Yellow Darwin to take its place. A most attractive variety of clear canary yellow.

60c per Doz.; \$4.00 per 100; \$35.00 per 1000

VELVET KING

Dark glossy royal purple with white base marked blue, a giant amongst the giants and a real exquisite Height 25 inches. flower.

\$2.00 per Doz.; \$15.00 per 100

WILLIAM PITT

Bright red, extra.

85c per Doz.; \$6.00 per 100; \$55.00 per 1000

YOLANDE (syn Duchess of Westminister)

Bright rosy pink, shaded salmon, very large and beautiful.

25c each; \$2.50 per Doz.; \$19.00 per 100

SUPERFINE MIXED DARWINS

A very fine mixture of Darwin Tulips that will be most interesting. ly of these. You would do well to plant free-

50c per Doz.; \$3.50 per 100; \$28.00 per 1000

MAY-FLOWERING TULIPS

We are listing a few other classes than Darwins because of the special merits found in them that we do not find in the Darwins including the above.

INGLESCOMBE YELLOW (Refer to "The Yellow Darwin.")

MRS. MOON

Rich golden yellow, large flowers of great beauty and substance. Petals beautifully reflexed.
\$1.25 per Doz.; \$9.00 per 100

MOONLIGHT

Extra large, flower sulphur yellow, very beautiful. 75c per Doz.; \$5.50 per 100

SINGLE EARLY TULIPS KEIZERKROON

There is no other Tulip in any other class that will compare with this in its brilliant color effect. Its gorgeous effect as a bedder is uncomparable. A twotone color of bright red margined golden yellow never fails to attract immediate attention. Extra large flowers, good stems and about a week earlier than the Darwins. Height 15 inches.
\$1.25 per Doz.; \$9.00 per 100; \$87.00 per 1000

BREEDER TULIPS

The two varieties that we offer in this class have exceptional qualities of their own and we think our customers will be highly pleased with them.

LOUIS XIV

Considered the most wonderful of all tulips. Very large goblet shaped flowers of a dark purple, flushed bronze with broad margin of golden-brown. A unique tulip of great and striking beauty. Height 28 inches. 30c each; \$2.75 per Doz.; \$20.00 per 100

LUCIFER

Bright terra cotta-orange. Very large and attractive.

35c each; \$3.50 per Doz.; \$25.00 per 100

PARROT TULIPS

Very large flowers of singular and picturesque forms and brilliant colorings. The petals are curiously fringed making a very irregular and strikingly formed flower. We offer these only in mixed colors. A few of them will be most interesting.

55c per Doz.; \$4.00 per 100

DOUBLE TULIPS

This is a very interesting class, they are large, full, double flowers, are extremely attractive and make a gorgeous display either massed in a bed or border or jotted about here and there among other plants. We offer four distinct colors of red, pink, yellow and white. 60c per Doz.; \$4.00 per 100

NARCISSUS OR DAFFODIL

EMPEROR

The giant trumpet flowered variety. We have tried out many varieties of these and found the Emperor to be the most satisfactory from every standpoint and to avoid confusion we have decided to offer just the one variety which will give universal satisfaction. It is extremely free flowering producing its massive flowers on long stems and is perfectly hardy. Flowers of a pure deep yellow.

20c each; \$2.00 per Doz.; \$16.00 per 100

HARDY LILIES

No yard, hardy border or shrubbery planting is complete without a liberal planting of hardy lilies. They are most gorgeous in their effect. When once established they give you a wonderful display with as little trouble as anything you can plant. The varieties listed below are the finest that can be had. The bulbs are extra large flowering and will give you satisfaction.

AURATUM (Golden-banded Japan Lily)

Undoubtedly one of the finest. Its large, graceful, fragrant flowers are composed of six petals of a delicate ivory-white color, thickly studded with chocolatecrimson spots, and striped through the center a golden-yellow; 3 to 5 feet. August. August.

Extra Large Bulbs 50c each; \$5.00 per Doz.

BATEMANNI

A most beautiful Japanese variety, growing 3 feet high with 6 to 8 apricot-colored flowers on a stem; blooms in July and August.

Extra Large Bulbs 50c each; \$5.00 per Doz.

LILIUM CANDIDUM (The Madonna Lily)

This beautiful lily of the purest satiny-white, borne majestically on tall straight stems, is one of the first of all to bloom, the flowers opening in June just at the time when the hardy blue Larkspur is at its best. The two may be interplanted, producing a contrast in blue and white of unrivalled beauty. Plantings in the hardy border and amongst shrubbery is equally effective. The bulbs should be set in a handful of sand slightly tilted on their sides to ensure perfect sand, slightly tilted on their sides, to ensure perfect drainage. Set them about 5 or 6 inches deep, and protect during winter with a mulch of leaves and other coarse litter.

Extra Large Bulbs 50c each; \$5.00 per Doz.

LILIUM DAURICUM

A lily of rare merit coming from Siberia, perfectly hardy in any of our climates. Color, very dark red spotted. Many stalks throwing from 9 to 20 blossoms, height from 30 to 40 inches. Highly recommended by the introducer as the finest lily in existence for out door culture and unequaled for landscape work. Blooming Size Bulbs 50c each; \$5.00 per Doz.

REGALE (Myriophyllum)

REGALE (Myriophyllum)

This new variety from Western China is admittedly one of the most beautiful Garden Lilies yet introduced. It grows 3 to 5 feet high, and blooms out of doors in July. It is perfectly hardy, and flourishes under very varied conditions, the large trumpet shaped, delicately scented flowers, which are produced freely, are ivory white, shaded pink, tinged with canary yellow at the base of the petals. Strong flowering bulbs, 75c each; \$7.50 per doz

SPECIOSUM ALBUM

Pure white, dainty reflexed blooms, very large and a prolific bloomer.

Extra Large Bulbs 50c each; \$5.00 per Doz.

SPECIOSUM RUBRUM

White shaded pink and spotted daintily with rosycrimson, petals beautifully recurved. Very hardy and free flowering.

Extra Large Bulbs 50c each; \$5.00 per Doz. The Speciosum Lilies are among the highest class of Lilies grown. TIGER LILY

Orange spotted black, a most attractive lily on account of its brilliant colorings, very free flowering, hardy anywhere. 4 to 5 feet. August.

Extra Large Bulbs 30c each; \$3.00 per Doz.

Medium size bulbs of a good blooming size.

25c each; \$2.50 per Doz.

FUNKIA (Plantain Lily)

The Plantain Lilies are among the easiest plants to grow; their broad, massive foliage makes them attractive subjects for the border even when not in flower, they succeed equally well in sun or shade.

LANCEOLATA

Valuable by reason of its late flowering; lilac flowers in September. 2 feet,
30c each; \$3.00 per Doz.

SUBCORDATA GRANDIFLORA

Very large pure white, lily-shaped, fragrant flowers August and September. 2½ to 3 feet.

35c each; \$3.50 per Doz.

UNDULATA MEDIA PICTA

Green and white variegated foliage; purple flowers. ging. July. 2 feet. each; \$3.00 per Doz. Makes a fine edging.

HEMEROCALLIS (Yellow Day Lily)

Popular hardy plants belonging to the Lily family. They succeed everywhere and should always be included in every border of old-fashioned hardy plants.

FLAVA

The best known variety, very fragrant, deep lemon yellow. Flowers in June and July. Height 2½ to 3 feet. 25c each; \$2.50 per Doz.

FULVA

Grows from 4 to 5 feet high with trumpet shaped flowers of a neutral orange color with darker shadings. 25c each; \$2.50 per Doz. June and July.

KWANSO-FI. PI.

Double orange flowers, 4 to 5 feet. Very attractive. 25c each; \$2.50 per Doz.

PEONIES

HOW TO PLANT—Peonies like a well drained soil with plenty of sunlight away from trees and heavy shrubbery. The most important thing is to not plant too deep. Many people get few flowers on their Peonies, due, as a rule, to the fact that they were planted too deep. They should not be planted more than 2 inches deep; that is, cover the young sprouts or eyes with two inches of soil. See that the ground is well worked to a good depth. Do not put any manure next to the roots. Cow manure, sheep manure or Bone Meal may be worked into the ground at time of planting. A good double handful of Bone Meal, twice that amount of sheep manure and a liberal amount of cow manure may be used. See that the root is not placed in close contact with the manure. A better plan is to work the fertilizer around the plant after planting has been done. In the spring a liberal sprinkling of Bone Beal will be effective. A light covering of leaves or straw is desirable the first year after the ground has been frozen. After this no covering is needed.

The divisions that we offer are such that will usually give you a fair amount of flowers the first year after planting, if properly done.

AMERICAN BEAUTY

Crown type; very late. A glowing red, known in the Chicago cut flower market as the "American Beauty" Peony. Superb 75c each; \$7.50 per Doz.

BARONESS SCHROEDER

One of the finest Kelway Peonies. Its very large, full, globular flower opens a delicate flesh-white, changing to chaste creamy white. The variety has a bewitching habit of coming, under certain conditions, a wonderful shade of soft baby-pink, so deep that one is inclined to class it as a pink Peony. The petals have wonderful substance and fine form, and the delicate rose fragrance is most pleasing. The plant is of strong, upright growth, with a distinctive clean light green foliage. The well-formed buds, as well as the profuse blooms that open in late midseason, are carried with an aristocratic style that makes this one of the most beautiful and desirable plants of landscape planting.

\$1.50 each; \$15.00 per Doz.

CHARLES McKELLIP

A very large, loosely built flower of typical semi-rose form that is especially beautiful in bud and holds a half-open form that is distinctive. In color it is a rich, bright red of peculiar American Beauty cast that is different from the other Brand red varieties. The petals are broad and crinkled with a silky sheen, and are so symmetrically placed as to give the flower perfect form. In habit and foliage the plant is good. Midseason. Good for landscape and cut-flowers. \$3.00 each; \$30.00 per Doz.

COURONNE D'OR

A pure white flower with bright yellow stamens arranged in a circle around the center in a way to reflect through the clear white petals and give the whole flower a true "crown of gold" halo. It is large,

of flat semi-rose form, all white, with carmine tips on a few of the central petals. A splendid grower and a free bloomer in the late midseason, coming just before Marie Lemoine.

\$1.00 each; \$10.00 per Doz.

DUC DE WELLINGTON

Its large, bomb-shaped flowers have large, broad guards of pure white and a spherical center that opens sulphur and changes to sulphur-white. It is a fine cut-flower variety that blooms in late midseason and is very fragrant. The vigorous, tall-growing plant, has good form and habit and holds its flowers in pleasing style. \$1.00 each; \$10.00 per Doz.

DUCHESS DE NEMOURS

An early white of the crown type that opens in a globular, cupped form that is very distinct and beautifold. The color is a clear white, with a collar of sulphur-white, and a greenish reflex at the center that is most refreshing. It is a vigorous grower, of medium height, a free bloomer and fragrant. A useful variety either for the garden or for commercial cutting. This is another one of the older varieties that is distinct and outstanding, even when compared with all the newer and more expensive introductions.

\$1.00 each; \$10.00 per Doz.

EDOUARD ANDRE

Semi-double type; midseason. Dark velvety crimson with carmine violet tints; petals widely notched. Dwarf habit. \$1.00 each; \$10.00 per Doz.

EDULIS SUPERBA

A very large, loose, crown-type flower, with guards and center of deep mauve-pink petals and a scant collar of narrow light lilac petals; the center is quite flat when fully open, with silvery sheen. One of the most fragrant of all Peonies. The plant is vigorous in growth with slightly spreading habit. A very early variety that is usually in bloom for Decoration Day. Widely known for commercial cut-flower planting.

75c each; \$7.50 per Doz.

ELWOOD PLEAS

This is a rose-type flower that comes in late mid-season along with Couronne d'Or. It is of largest size, flat and fully double, and is a shade of light snell-pink with a lavender tone that is very delicate and yet does not fade out in the sun. Its flowers last a long time and are fragrant. The plant is medium in height and has stiff upright stems that support the large blooms well. Its foliage is a rich, healthy green color and is set close to the ground, making a plant of pleasing landscape appearance. plant of pleasing landscape appearance.,

\$5.00 each; \$50.00 per Doz.

FELIX CROUSSE

One of the "Four Veterans" that has stood the test of years and is still one of the foremost Peonies, both for garden plantings and for commercial use. It is a large, typical bomb-type flower of clear, brilliant red, coming in late midseason. The guard petals are prominent, surrounding a large, globular center of even coloring. It is a strong, vigorous plant of spreading habit, with stems that can hardly support the heavy flowers. By far the most popular of all the red Peonies for commercial cut blooms.

\$1.00 each: \$10.00 per Doz

FESTIVA MAXIMA

The highest rated of all the older varieties, and one of the most widely grown. Its very large, full blooms are true rose form, with very broad petals of purest white, and center petals irregularly flecked with carwhite, and center petals irregularly flecked with carmine. It is a very vigorous grower, with splendid stems and handsome dark green foliage, and is an early bloomer with pleasing fragrance. On first opening the flowers sometimes show a delicate rosy tint in the center, this is very beautiful. Festiva Maxima should be one of the first Peonies planted in any garden. \$1.00 each; \$10.00 per Doz.

FLORAL TREASURE OR DELICATISSIMA

A rose-type flower of delicate salmon-pink. Its center petals are loose and spread just enough to show the carpels of light greenish yellow, tipped white, giving a fresh and dainty color effect. The flowers are fragrant and on strong plants, are very large and perfectly formed. A strong, tall grower, making a desirable landscape plant, and an exceptional keeping variety for commercial cut-flowers. Midseason.

75c each: \$7.50 per Desiration of the strong plants and perfectly for commercial cut-flowers.

75c each; \$7.50 per Doz.

FRAGRANS

Very late; rose-pink; fragrant, strong Bomb-type. grower, very free bloomer. One of the best late pink for cut flowers. 75c each; \$7.50 per Doz.

GODFREY PINK

A good deep pink, free flowering, tall grower. \$1.00 each; \$10.00 per Doz.

GOLDEN HARVEST

Bomb-type, midseason. A most striking variety producing large, tri-colored bloom. The guard petals are blush-pink with creamy-white center; center of flower overlaid and tipped with carmine. It combines cream, gold, white, pink, salmon, peach, and apricot, the color effect of the flower being creamy-pink; strong grower, delicate fragrance.
75c each; \$7.50 per Doz.

GRANDIFLORA (Richardson)

The very large flat, rose-type flowers have a fine lacy petalage refined in texture and in color soft shellpink, shading to rosy white. In season they are very late, and when one beholds the immense disc-like blooms of delicate beauty, even after a full season of beautiful flowers, it seems that Grandiflora makes a fitting climax to all that has gone before. The plant is of strong healthy growth, with medium-strong stems. \$2.50 each; \$25.00 per Doz.

IEANNE D'ARC

Large crown-type flower, with guards and center soft pink, and a collar of intermingled petals of pink, salmon, and yellow color that makes a beautiful effect. The center petals are spotted carmine. Midseason. This variety is very similar to Golden Harvest, but the plant is a little taller and the flowers larger.

75c each; \$7.50 per Doz.

JUBILEE

A wonderful white Peony of largest size, often measaring 8 to 9 inches in diameter. It is flat, rose-type, very full, with long, lacy petals of delicate texture that give the flower a refined appearance, yet last long, either as a cut-flower or on the plant. The buds that give the flower a refined appearance, yet last long, either as a cut-flower or on the plant. The buds are distinctly long and pointed and very large, and on first opening are white with a blush tinting that quickly changes to chaste snow-white. At first the blooms are cup-shaped but develop very broad and flat. The plant is tall and robust, with a peculiar and distinctive ruffled foliage. We consider this a good variety but somewhat weak in the stem.

\$4.00 each: \$40.00 per Doz

\$4.00 each; \$40.00 per Doz.

KARL ROSENFIELD

About the best all-around red Peony. The large, semi-rose-type flower is rich velvety crimson and has a perfect ball-like form when fully open. Plant is a perfect ball-like form when fully open. Plant is tall, strong, and upright in growth, and bears a large, strikingly brilliant flower on every stem. The foliage is rich dark green and very heavy. Midseason. An ideal variety for landscape planting and equally good when cut. At a certain stage of development a bloom of Karl Rosenfield is almost identical in form and color to a bloom of Mary Brand.

\$2.00 each; \$20.00 per Doz.

LA TULIPE

Semi-rose type; midseason. Enormous fragrant flowers, delicate blush-white, shading to ivory-white with red tulip markings on outside of guard petals. \$1.00 each; \$10.00 per Doz.

LADY L. BRAMWELL

Full rose-type, clear pink, large flower, a really fine ariety. 75c each; \$7.50 per Doz. variety.

MAD. EMILE LEMOINE

A very late flowering variety that is accepted as a standard by which the merits of many newer Peonies are gaged. It is a wonderful flower of large, very compact, rose form. The color is pure white, shading to cream-white in the center, with slight carmine markings on occasional petals. Its long, laciniated petals grow shorter toward the center, concealing short linear petals of sulphur-yellow that light up the cupped center of the flower with a yellowish reflection. Fragrant. A rather dwarf plant with extra-strong stems. \$1.25 each; \$12.50 per Doz.

MARTHA BULLOCH

One of the very finest new Peonies in which we find ality and texture, together with large size. This quality and texture, together with large size. This flower is cupped, rose-type, often measuring 9 to 12 inches in diameter. In color it is a silvery shell-pink at the edges, shading to deep rose-pink in the center, making a color effect that is delicate yet strong enough to be in keeping with the immense size of the bloom. The plant is tall, vigorous, and strong, and the stout stems hold the heavy flowers well above the foliage. A fine landscape variety and one of the greatest show flowers. The demand usually exceeds the supply.

\$10.00 each; \$100.00 per Doz.

MME. DE VERNEVILLE

This early white variety is very sweetly fragrant and of pleasing form. It is very full bomb-type, pure white ,with center delicately tinted blush when the flower first opens, changing to all pure white except for four distinct crimson marks on the tips of the center petals. The plant is medium in height, a me-dium-strong grower, and an extra-free and reliable formed of all the white Peonies.

\$1.00 each; \$10.00 per Doz.

MONSIEUR DUPONT

This large, flat, semi-rose-type flower is a master-piece in its class. Late. The well-formed cap-shaped bloom is cream white, with the center petals conspicuously splashed crimson, and the golden stamens lighting up the base of the petals. It is a tall, vigorous plant with good strong stems, and a free bloomer. One of the thoroughly good Peonies that has a place in every well-selected collection.

\$1.50 each; \$15.00 per Doz.

MONSIEUR JULES ELIE

MONSIEUR JULES ELIE

Next to Festiva Maxima, this is the highest rated of all of the older varieties. It is truly a sensational flower—the largest and most striking of the pink Peonies. Its enormous, very full flower is globular crown type. The guards are large and prominent, and the center is an immense wall of imbricated petals incurved like a chrysanthemum. In color it is a clear, pale lilac-rose with a silvery sheen, the collar of narrow petals being lighter, tinted amber at the base. An early bloomer with pleasing fragrance. The plant is medium tall and medium strong, with a distinctive light green foliage. While the stems are not strong enough to support the immense blooms unassisted in a landscape planting, it is one of the very best for cut-flowers and keeps long when cut in bud.

\$1.50 each; \$15.00 per Doz.

MONSIEUR MARTIN CAHUZAC

A large, massive semi-rose-type flower of very full petalage that is outstanding on account of its dark, rich coloring and its distinctive foliage. If it is not the darkest Peony in existence it is the darkest good one, and for that reason it is in great demand. The flower is very dark purple-garnet with a black reflex, and prominent bright yellow stamens. It is medium in height, strong and vigorous, with sturdy, upright stems. The foliage is very dark, rich green, veined red. It blooms in early midseason. A striking variety for landscape planting. for landscape planting.

\$5.00 each; \$50.00 per Doz.

PRESIDENT TAFT

Rose-type; midseason. Combines so many of the good qualities necessary to a first class peony and com-bines these qualities in such a superlative degree that it is readily placed on a par with the best Peonies grown. A vigorous, strong grower, a profuse bloomer, every shoot being crowned by a big bloom. The color is a delicate Hydrangea-pink, completely enveloped in a halo of angelic white. The fragrance is delicious. A very large flower. \$2.00 each; \$20.00 per Doz.

PRESIDENT ROOSEVELT

Semi-rose type. Midseason. A deep, rich, brilliant red in color. Very satisfactory red Peony. \$1.50 each; \$15.00 per Doz.

PRIMEVERE

A large, medium compact, flat, bomb-type flower that is the nearest a true yellow of all the Chinensis that is the nearest a true yellow of all the Chinensis varieties. The guards are creamy white, splashed scarlet; the center a deep canary-yellow on opening, changing to sulphur-yellow. As cut-flowers, when kept away from the sun, the yellow color holds long. Very fragfrant. The plant is a tall, strong grower, rather spreading in habit. Free midseason bloomer.

\$3.50 each; \$35.00 per Doz.

RALPH

Rose-type; late. Flower is rather flat. Some of the flowers measure 9½ inches in diameter. The foliage is very dark green and plant is sturdy.
\$4.00 each; \$40.00 per Doz.

RICHARD CARVEL

A very large, bomb-type flower that is the first of all of the reds to bloom. The prominent guard petals and the high, globular center are of a uniform bright crimson that holds well in the sun. Fragrance pleasing. It is a tall, strong, upright grower, and a free bloomer. The ideal habits of the plant and the early season of bloom make this a most desirable variety for commercial cut-flower purposes, and each year the demand exceeds the supply.

\$6.00 each; \$60.00 per Doz.

SALMON PINK

A very large flower on extremely long stems, very fragrant. Wonderful bloomer. This attracted very great attention in our field. Midseason. \$1.00 each; \$10.00 per Doz.

SARAH BERNHARDT

This fine Peony stands out among all the rare and fine varieties as one of the universally satisfactory kinds. It has a refined flower, beautiful in color, and is a strong, vigorous grower, a free and relaible bloomer, and a rapid propagator. The flowers are very large, semi-rose-type, with large, compact, lubricated petals of mauve rose tipped silver. It is a late midseason bloomer; delightfully fragrant. Sarah Bernhardt is the largest and strongest Peony of any that we know. Grown in the field along with other varieties that are listed at a much higher price it stands superior to them all. At the Peony shows, competition for the best single bloom in the show usually becomes a contest as to who can bring in the best Sarah Bernhardt. \$3.00 each; \$30.00 per Doz.

THERESE

This is a wonderful pink that rates as one of the greatest Peonies. When one beholds for the time a well-gown plant of Therese, with its wealth of immense flowers so imposing and yet so delicate in texture and coloring, it seems that perfection in flowers has surely been attained. The blooms are very large, full rose type that later develop a high cupped center,

and the color is uniform, light violet-rose, shading to lilac-white at the center. The plant itself, as perfect in habit aand form as the flower, is medium tall, strong and vigorous, with sturdy, upright stems and heavy-set rich green foliage. A free, midseason bloomer with delicate fragrance. For landscape or for show blooms this variety is equally fine.

\$5.00 each; \$50.00 per Doz.

PEONIES TO COLOR Pink, red and white. These are good varieties, labels lost and just classified as to color. Well worth the price asked. 50c each; \$5.00 per Doz.

GERMAN IRIS

There is no flower planted that will make as great a display with the least amount of effort than the Iris.

Planted as a border along walks and drives or around shrubbery or flower beds they are most effective. May be planted here and there among other plants with good effect.

HOW TO PLANT—The Iris should be planted very shallow just covering the roots is sufficient. Any well-drained location will suit them.

TIME TO PLANT-They are best planted in the Fall.

S-stands for the standards and F-for the Falls.

A. E. KUNDRED

S. bronze: F. magenta red. 35c each; \$3.50 per Doz.

CAPRICE

A perfect gem and one of the freest-flowering, blooms of medium size and almost a self-colored Chinese-Violet; reticulations of white and deep purple at the base of the petals being the only exception. Height 30 inches. 35c each; \$3.50 per Doz.; \$25.00 per 100

CLARENCE WEDGE

S. mauve; F. red, exceedingly beautiful. 35c each; \$3.50 per Doz.

DR. BERNICE

S. Coppery bronze; F. velvety crimson. In general effect a brown Iris. 24 inches.

35c each; \$3.50 per Doz.

HIAWATHA

S., pale lavendar flushed rose; F., royal purple bordered lavender; white veins at base. Listed by many growers at 75c each. 28 inches.

35c each; \$3.50 per Doz.

IRIS KING

Very large massive flowers. S., old gold; F., very broad, rich and bright velvety-crimson-maroon margined with gold. A strikingly beautiful flower. 24 inches. 35c each; \$3.50 per Doz.

ISOLINE

A grand distinct Iris with very large flowers and strong foliage. S., lilac-pink; F., purplish old-rose, golden at the throat; beard yellow. The straighthanging falls give the flower a long appearance. On established clumps it flowers freely on strong, well-branched stems. Among all the newer introductions it still holds its place as a distinct and worthy flower. 36 inches.

35c each; \$3.50 per Doz.; \$25.00 per 100

KING OF IRIS

S., yellow; F., maroon.

35c each; \$3.50 per Doz.; \$25.00 per 100

KOCHII

A wild Iris from southern Europe, flowers a deep blackish purple—a rich coloring that is greatly ad-mired. Blooms early. One of the best deep colored Iris. 24 inches. 25c each; \$2.50 per Doz.

LOHENGRIN

S. and F. uniform soft shade of cattleya-rosa. Very large flower. Strong grower and exceedingly free bloomer. 30 inches. 35c each; \$3.50 per Doz.

LORELY

S. of wild canary; F. creamy white with purple blended into a velvety purple near the ends which are margined with deep canary. 30 inches.
35c each; \$3.50 per Doz.

MADAME CHEREAU

S. and F. white, frilled azure blue; very free and fine for cutting. 36 inches.

20c each; \$2.00 per Doz.; \$15.00 per 100

MASSASIOTT

S. a distinct shade of metalic vermilion blue; F. deeper very velvety and rich. 24 inches.

25c each; \$2.50 per Doz.

MOTHER OF PEARL

A real gem of beauty, an aristocrat among Irises. Its splendid iridescent color, its perfect form, its vigorous growth and wonderful substance have won for it recognition as one of the world's best Irises. This variety is included in every Iris collection of merit in the United States and should be in your Iris section.

Standards and falls pale bluish lavender, with a faint creamy undertone. Large flowers of perfect form and exceptional substance. The creamy undertone of this exceptional substance often assumes the luster and iridescence which we see in the beautiful lining of many sea shells which produce mother of pearl. The plant is tall, a vigorous grower and a profuse bloomer.

Introducers Price \$2.00 each—OUR PRICE \$1.50 EACH

OTHELLO

S., violet blue; F., deeper with white markings. 20c each; \$2.00 per Doz. inches.

PALLIDA DALMATICA

This is the true type of Pallida Dalmatica and still one of the most attractive and satisfactory all around varities, with flowers of large size; both S. and F. of a clear lavender blue shading to a pale silvery blue at the base and sweetly scented. It is of strong, vigorous growth over 3 feet high, with unusually heavy glaucous foliage.

35c each: \$3.50 per Doz.: \$25.00 per 100

PERFECTION

An old Iris that still stands as one of the best of its class. S. light blue-lavender, usually irregularly flaked with deeper blue; F. brilliant, deep violet-purple, with an orange-yellow beard. 30 inches.

25c each; \$2.50 per 12.

PRINCESS VICTORIA LOUISE

S. sulphur-yellow; F. rich plum bordered cream; 30 25c each; \$2.50 per 12 inches.

PROSPER LAUGIER

S. light bronze with a pink flush; F. velvety crimson. Warm yellow center. One of the best bronzes. 35c each; \$3.50 per Doz.

PURPLE KING

20c each; \$2.00 per Doz. S. and F. Royal purple.

PURPLE PRINCE

S. intense deep violet-blue; F. velvety dark purple. 25c each; \$2.50 per Doz.

RHEIN NIXE

S. white, F. pansy violet, bordered bluish Growth rampant. 30 inches. white.

25c each; \$2.50 per Doz.

ROSE UNIQUE

This variety is pictured in colors by the introducer as a rich rose—pink, a color that we have long looked We trust that we have found it in this for in an Iris. 50c each; \$5.00 per Doz. variety.

SHERWIN-WRIGHT

A vigorous and free-flowering bright golden yellow. The color is more dense and bright than most of the newer and supposedly improved varieties.

35c each; \$3.50 per 12

SWATARA

S. Lobelia blue, suffused bronzy yellow at base; F. bright violet. Conspicuous yellow beard. 24 inches. 35c each; \$3.50 per 12

THORBECK

A low-priced Iris that is one of the most attractive. S., clear white that never comes blotched from the color of the falls; F., deep, rich, velvety purple. Free-flowering 30 inches.

35c each; \$3.50 per Doz.

VIOLACEA GRANDIFLORA

Clear violet blue pallida. 50c each; \$5.00 per Doz.

WHITE KNIGHT

The purest of the white iris yet introduced, large flowers, very free flowering. 75c each; \$7.50 per Doz.

MIXED IRIS

Two shades of color, a deep blue and light blue. Good bloomers, flowering at the same time and are about the same height.

15c each; \$1.50 per Doz.; \$10.00 per 100

SIBERIAN IRIS

The variety that we offer is deep blue, a very slender stem and small delicate flower. Very artistic. There is no Iris that will exceed this Iris in its profusion of flowering. Hundreds of flowers can be cut from a single clump.

20c each; \$2.00 per Doz.; \$15.00 per 100

IRIS PUMILA

These are the dwarf growing varieties which are so useful as border plants where a low, compact border is wanted. The first of the Iris to bloom in the spring.

ALBA

Pure white. Blooms early in April.

VIOLACEA

Violet blue. Blooms early in April. 20c each; \$2.00 per Doz.

ROSES

CULTIVATION OF THE ROSE

LOCATION—This is very important. The rose garden must not be situated under the branches of trees and should be placed well away from all tree and shrubbery growth, as the roots of these usually extend much further than their branches.

If possible select an open situation where the plants will get plenty of air and sunshine but sheltered, if possible, from high winds. Do not plant close to the foundation wall of a building. In such location the ground does not get the benefit of an average rain, and as summer advances the heat there will be too great.

SOIL—A clay loam is ideal soil for roses. Any good garden soil which will produce good vegetables will, with proper fertilization, yield very fine roses. A too heavy soil may be improved by working in a little coarse sand and vice versa. Rotted sods, with which manure has been liberally mixed, together with bone and lime, usually make an ideal soil combination, but this is not absolutely necessary.

FERTILIZERS—There is nothing that will take the place of cow manure. This may be used most liberally, as fresh as you can obtain it, with perfect safety. Shredded cow manure is most excellent and is very easily handled if the manure from the cow barn cannot be gotten.

Perhaps the most ideal plan would be to work into your soil Vigoro as per instructions in circular found in each package in addition to a liberal application of cow manure. After the planting is comlete a mulch of a couple of inches or so of cow manure will prove most excellent.

PRUNING ON PLANTING—In the fall just before shipping the bush rose plants we cut them back to about one foot in height, therefore no further pruning until early spring will be necessary. Climbing roses are cut back to about two feet.

SPRING PRUNING—In March, or after all snow is melted and before growth begins, the canes should be pruned back severely, even if the wood is alive to the ends, which is not likely. The general rule is to cut the weakest canes, the shortest, and where these are numerous some of the smallest ones may, to advantage, be cut out entirely. The severer the pruning the larger the flowers to follow. A moderate pruning will yield more flowers of less size. The stoutest canes should be cut back to not more than six inches and the weaker ones to not more than three inches.

SPRING PRUNING ON OLD PLANTS—The wood of the previous season's growth may be treated as advised above. This wood is smoother and greater than older wood. The wood that is dead or very old should be cut away entirely.

The Hybrid Perpetuals need not be pruned quite so severely as the Hybrid Teas.

After the climbing roses become established they need but little cutting back. The old, rough canes should be removed to the ground or back to where the strong young growth has started. This should be done on old plants immediately after blooming season is over.

WINTER PROTECTION—After winter has set in and ground has become frozen, a mulch of about two inches of cow manure and a heavy mulch of leaves, straw or other liter covering about three-fourths of the plant will be sufficient to carry your roses through a most severe winter, care should be taken to remove this mulch of leaves, straw or litter after the severest part of the winter is over before the plants begin to start a growth.

PLANTING ROSES IN THE FALL

The Rose-loving world is beginning to find out that Roses can be planted in the Fall as well as the Spring with most excellent results, and in many cases far greater results are obtained from Fall planting than Spring.

The proper thing to do is to plant when the time with you is opportune. As a rule planting time begins around the first part of November and continues as long as ground can be worked.

PREPARATION OF THE BED

Where the best results are desired the beds should be trenched to a depth of 15 to 18 inches. This soil should be well mixed with rotted animal manure, using about one part of manure to three parts of soil. When this mixture is returned to the bed it should be trodden down until desired grade is reached, or, if bed is prepared well in advance of planting, left for heavy rains to settle. Drainage will be necessary where the water does not quickly disappear. This may be effected by removing another section of soil, about 8 inches, and filling in with stones, broken

bricks, course cinders or other similar substances, the smaller pieces on top, and the whole given a coating of gravel or ashes to prevent the soil washing through.

DISTANCE APART

Hybrid Perpetual should be planted about 2 to 3 feet apart, the distance being governed by the space at one's disposal, the varieties planted and the length of time the planting will probably remain undisturbed. Hybrid Teas require about 15 o 24 inches.

These are the large, strong-growing plants that produce marvelously large and beautifully formed flowers in abundance in the Spring and occasionally in the Fall.

HYBRID PERPETUAL ROSES

AMERICAN BEAUTY

Crimson, very large and globular flowers.

COQUETTE DES ALPES

Blush-white; blooms almost constantly.

FRAU KARL DRUSCHKI

Pinkish buds and magnificent, snow-white blooms with deep, firm petals, forming a flower of unimpeachable shape, but without fragrance. Plant one of the strongest, grows 4 to 10 feet high; foliage normal; blooms freely and continuously. There is no white rose that can approach Frau Karl Druschki. It is the peer of them all.

GENERAL JACQUEMINOT

Brilliant scarlet-crimson; an old favorite and one of the best known Roses in cultivation; does well everywhere.

GEORGE ARENDS, OR PINK FRAU KARL DRUSCHKI

This is a pink, or rather a tender rose-colored form of the popular white Frau Karl Druschki, possessing not only the exquisite form, large size, and remarkable free-flowering habits of its parent, but in addition to this, it is also highly perfumed, a Rose worthy of a place in every garden.

GEORGE DICKSON

When this rose was disseminated a few years ago it was heralded as one of the greatest, if not the greatest, rose ever raised by the originators, who have been among the foremost in producing new varieties of roses during the past generation. It was introduced and is sold by some as a Hybrid Tea, but in reality is a Hybrid Perpetual. In color it is the most wonderfully rich, dark red rose in existence described by the introducers as "velvety-black scarlet crimson with brilliant reflex tips, with heavy and uniquely pure crimson maroon veinings on the reverse. It has one fault in that the stem immediately below the flower is sometimes rather weak, but this fault, when it occurs, is not serious enough to deter the planting of this rose, which is of strong and good, bushy habit. The flower is very full and beautifully formed; richly perfumed and was awarded the gold medal by the National Rose Society.

The following is an amateur's description of "George Dickson":

"It is the acme of perfection in red roses in form, color, size, etc. I have over fifty varieties of the choicest reds, and this one is head and shoulders above anything in my collection; in fact, far superior to any red rose I have ever seen."

\$1.00 each; \$10.00 per Doz.

J. B. CLARK
Very large, light red blooms, shaded blackish maroon, globular, very double, slightly fragrant. Vigorous grower. Average foliage; early bloom profuse, but scarce later.

MAGNA CHARTA

Bright pink, suffused with carmine; a beautiful rose, and a strong, vigorous grower; one of the best.

PAUL NEYRON

Deep, lilac-rose blooms of immense size, fair form, very double and fragrant. Strong grower, almost smooth canes with tough, leathery foliage; particularly free and constant bloomer.

PRINCE CAMILLE DE ROHAN

The large, full, well-formed, fragrant flowers are of a dark crimson coloring shaded blackish maroon. Growth rather moderate, spreading in habit. This is perhaps the deepest coloring of any rose grown.

SOLEIL D'OR

Reddish gold, shaded with orange. Listed by many as a Hybrid Tea.

\$1.00 each; \$10.00 per Doz.

Price, except where noted, 90c each; \$9.00 per Doz.

Where the above roses are to be sent parcel post add 10c each to help pay charges.

RUGOSA ROSES

These lovely roses are absolutely hardy and form sturdy bushes 4 to 6 feet in height, covered with handsome crinkled flowers. The single sorts flower almost continuously, and are equally as attractive during the autumn and winter when covered with their brilliant red seedpods. Of healthy, vigorous growth and equally desirable alike as single specimens, particularly among shrubs or for making a hedge. Rugosa Roses require no pruning, merely cut out dead and superfluous wood.

RUGOSA RUBRA

Single rosy-carmine.

75c each; \$7.50 per Doz.

ALBA

Single pure white.

75c each; \$7.50 per Doz.

CONRAD FERDINAND MEYER

Large double clear silvery rose.
75c each; \$7.50 per Doz.

HYBRID RUGOSA ROSE (F. J. Grootendorst)

This might properly be called a Rugosa Baby Rambler, it being a cross between Rugosa and the crimson Baby Rambler. Imagine a shrub-like Rugosa Rose covered with trusses of crimson Baby Rambler Roses and you will have a fair conception of this new hybrid variety. It is not a rose that you want to plant in with your bed of Hybrid-Tea or Hybrid Perpetual Roses, but is valuable to plant as an isolated specimen or in a mass in a bed in an exposed position or in the shrubbery border or use it for an everblooming hedge for which purpose it is admirably adapted. It is absolutely hardy and continues in bloom until late in the fall. Strong 2-year-old plants.

\$1.00 each; \$10.00 per Doz.

ROSA HUGONIS

(The Famous Golden Rose of China)

This species, from China, is unlike any other rose. It is of shrub-like habit of growth and naturally forms symmetrical bushes about 6 feet high, and the same in diameter, and while not suited to plant in the rose border, it is an invaluable subject when planted in connection with other shrubs or as single specimens in the

Its delicate yellow single flowers are produced on long arching sprays early in May, every branch of the previous season's growth becomes lined on both sides to the very tips with these attractive flowers, and after it has finished flowering it remains an attractive decorative bush for the balance of the season; perfectly hardy. Strong 2-year-old plants.

\$1.00 each; \$10.00 per Doz.

Where the above are to be sent parcel post add 10c each to help pay charges.

HYBRID TEA ROSES

We offer a few varieties of the most hardy of this class. If others are wanted we most likely can get them for you. Our collection for spring planting will be much larger. The following are strong, healthy plants, especially grown for fall planting:

COLUMBIA

The sweetly scented flowers of a lively, bright pink, deepening in color as they expand, are of an exquisite shape. Strong, stiff petals. Free flowering, good growth and healthy foliage.

FRANCIS SCOTT KEY

Very large double flowers of a rich crimson-red; a strong, sturdy grower and free bloomer that always attracts attention; particularly good in the fall.

GRUSS AN TEPLITZ

The semi-double, cup-shaped; flowers are of a velvety crimson shading to scarlet center. An exceedingly strong grower, with plum-colored foliage. A very free and continuous bloomer ,producing its fragrant flowers in small clusters at the end of long stems. Its absolute hardiness, beautiful foliage, and its very free and continuous blooming qualities, make this the greatest rose for massing and hedging. Unsurpassed for cemetery work. A wonderful variety.

75c each; \$7.50 per Doz.

KAISERIN AUGUSTA VICTORIA

Cream white, faintly tinged with lemon; large and full. An exquisite flower of great popularity. Fine, glossy foliage; fragrant.

KILLARNEY PINK

Bright shell pink; long-pointed buds with large flowers. Very free and perpetual flowering.

MAD. CAROLINE TESTOUT

This popular variety produces large, perfect, globular flowers of a light salmon-pink; very fine for show or garden. Under special care probably the largest and most beautiful blooms may be obtained from this variety.

OPHELIA

A creamy white and pale pink bloom with a glint of golden yellow in the folds of its petals; very fragrant. Strong plants, producing its blooms very liberally.

SOUV. DE CLADIUS PERNET

The growth is very sturdy and upright, with glossy, healthy foliage. In color it is one of the clearest and most lasting of yellows. In our field it made a greater impression than any rose we have ever grown. If you are looking for a real yellow rose we believe this variety is unsurpassed.

Prices, except where noted, \$1.00 each; \$10.00 per Doz.

Where the above are to be sent parcel post add 10c each to help pay charges.

CLIMBING ROSES

AMERICAN BEAUTY

One of the very best climbers on the market producing its large flowers of an American Beauty color, rich rosy-carmine. Can be used with good effect as a specimen plant in the yard by cutting it back to the desired height. The flowers are produced on long stems and is most desirable for cutting.

75c each; \$7.50 per Doz.

BESS LOVETT

One of the best roses by Dr. Van Fleet. Produces many large and fragrant flowers of clear, bright crimson, double, full, cupped and of lasting quality. Though resembling Climbing American Beauty, it is much superior to that variety by reason of its brighter color and its habit of not holding its dead blooms.

75c each; \$7.50 per Doz.

DR. W. VAN FLEET

A rose which, on account of its dainty color and exquisitely shaped buds and flowers, has become a great favorite. The long pointed buds are of a rich flesh-pink on stems 12 to 18 inches long; splendid for cutting. A strong, vigorous grower.

75c each; \$7.50 per Doz.

EMILY GRAY

In this we have a real yellow climbing rose that is as hardy as Dr. Van Gleet. The buds are long and pointed, of splendid shape; in color a beautiful orange-yellow, changing to pale orange as they expand; they are borne on stiff stems of sufficient length for cutting.

These stems are of a crimson-red color, which, together with unusually dark green, glossy, holly-like foliage, adds a charm to the flowers and makes the plant, even when out of bloom, a most ornamental subject.

75c each; \$7.50 per Doz.

MARY WALLACE

Named by the Portland Rose Society in honor of the daughter of Secretary of Agriculture Mr. Wallace, originated at the Maryland Station of the Department of Agriculture by the late lamented Dr. W. Van Fleet. The Department describes it as a pillar Rose, making

The Department describes it as a pillar Rose, making a fine, strong, self-supporting plant 6 to 8 feet high, with large glossy foliage, blooming with great freedom in spring and bearing a considerable number of fine buds in summer and fall. Flowers very large, generally exceeding 4 inches across, well formed, semi-double, of a bright clear rose-pink with salmon base to the petals. Strong plants.

75c each; \$7.50 per Doz.

PAUL'S SCARLET

No other climbing rose can compare with this for brillancy of color, which is maintained until the petals fall. The flowers, a vivid scarlet, are of good size, semi-double, very freely produced in clusters of from 3 to 20 flowers each on much branched canes, the plants being literally covered from top to bottom with bloom. It is of strong climbing habit and perfectly hardy. This is one of the most popular climbing roses. The most gorgeous climber every produced.

75c each; \$7.50 per Doz.

SILVER MOON

Different from all other roses, with beautiful semidouble flowers four and a half inches and over in diameter; pure white in color, petals of great substance, beautifully cupped, forming a Clematis-like flower. The large bunch of yellow stamens in the center adds to its attractiveness.

75c each; \$7.50 per Doz.

We strongly recommend the above large flowering varieties, which are practically immune from mildew, which so frequently destroys the beauty of the smaller blooming varieties.

SMALL FLOWERING CLIMBERS

The following are a few varieties of the well-known climbers, small flowers in large clusters, very free flowering and rank growers:

HIAWATHA

Crimson with white disk and yellow stamens showing prominently, single, very attractive; one of the freest flowering.

CRIMSON DOROTHY PERKINS

Crimson. Very free flowering; rank grower.

PINK DOROTHY PERKINS

A glowing rose-pink, exceedingly rank grower and profuse bloomer.

WHITE DOROTHY PERKINS

Pure white; strong grower and bloomer.
All above 75c each; \$7.50 per Doz.

HARDY VINES

AMPELOPSIS VEITCHII (Boston Ivy)

Very hardy with foliage turning brilliant red in autumn. The best and only vine that will really cling to brick or stucco walls securely. Strong plants. 80c each; \$8.00 per Doz.

BIGNONIA (Trumpet Vine)

A splendid hardy climbing plant with large trumpetshaped scarlet flowers in August.

50c each: \$5.00 per Doz.

CELASTRIS (Bittersweet)

This attractive vine produces large clusters of beautiful orange-scarlet fruits, which make a very bright and effective winter decoration; handsome, glossy green foliage. 50c each; \$5.00 per Doz.

CLEMATIS PANICULATA

A very rapid grower, producing its handsome, beautiful white flowers in great profusion; very fragrant.

60c each; \$6.00 per Doz.

HONEYSUCKLE (Hall's Japan)
The well-known climber of our mother's garden, with very fragrant yellow and white flowers.
75c each; \$7.50 per Doz.

HONEYSUCKLE (Scarlet Trumpet)

A rapid grower producing a grand display of scarlet trumpet flowers most freely.

75c each: \$7.50 per Doz.

POLYGONUM AUBERTI (Silver Lace Vine)

A wonderful rank grower and profuse bloomer. One of the most desirable flowering climbers, the plant is of strong, vigorous growth, attaining a height of 25 feet or more, producing through the summer and fall great foamy sprays of white flowers, and a well established plant; during its long flowering period is a mass of bloom. Not only does it thrive in the Eastern and Middle States, but does equally good in Oregon, Colorado and California, adapting itself to the most varied climatic condition. Strong 3-year-old plants.
\$1.00 each; \$10.00 per Doz.

WISTERIA (Chinese Purple-String)

Strong climbers; where a dense covering on a large space is needed this is ideal. The extent of its covering capacity is almost unlimited. Flowers, lilac purple, borne in racemes from four to six inches long.

90c each; \$9.00 per Doz.

HARDY PERENNIALS

CHINESE LANTERN

CHINESE LANTERN PLANT (Physalis Francheti)

An ornamental variety of the Winter Cherry, forming dense bushes about two feet high, producing freely its bright orange-scarlet lantern-like fruits, which can be cut and dried, in which shape they are used extensively for floral decorations during the winter. Strong 3-year-old plants. 50c each; \$5.00 per Doz.

HARDY PHLOX

Among hardy perennial plants no class is of more importance than the Phlox succeding in almost any soil and position, and flowering through a long season; and while they will continue in good condition and flower freely for many years without attention, yet they respond quickly to and are improved by liberal cultivation.

The best effects to be had with Phlox are produced by planting masses of each color, not less than six and even as many as two dozen or more plants of one color together. For example, a border of Phlox may be planted, beginning with palest pink and shading up to dark cherry, then pure white, and white with a red eye, and more white, then a quantity of red and again white at the end. If in another border the shades of purple are planted with occasional bunches of white, the Phlox will be the pride of the garden.

BARON VON DEDEM

Rosy-red with salmon shadings.

B. COMPTE

Rosy-purple with lighter eye. A beautiful Phlox. 35c each; \$3.50 per Doz.

BRIDESMAID

White with carmine center: tall.

CHAMPS ELYSEES

Bright rosy magenta.

ECLAIREUR (Purple)

Purple-crimson with light center; strong grower and good bloomer.

EUROPEA

White with bright carmine eye; large florets and strong grower.

F. A. BUCHNER

White with creamy center; large florets and a robust grower.

FERNAND CORTEZ

Deep crimson, shaded bronze; tall.

INDEPENDENCE

Pure white, compart panicles on tall stems. Fine for massing.

LA VAGUE

Mauve rose, deeper center. Tall and much branched; fine for massing.

MRS. CHAS. DORR

Light rosy lavender, small florets, branched; tall.

MRS. JENKINS

One of the purest white Phlox in existence; free flowering, vigorous grower.

MISS LINGARD

This grand variety is one of the most popular sorts grown; color, white with a delicate pink eye. It grows about 2 feet high and starts to bloom in May, continuing to flower until late in October.

PANTHEON

Soft rose-pink.

PROF. VIRCHOW

Deep rich carmine, overlaid orange-scarlet.

RICHARD WALLACE

White with large carmine eye. Very showy variety.

RHEINLANDER

Bright salmon-pink, claret center; medium height, much branched.

R. P. STRUTHERS

Light red, shaded salmon. Popular.

RYNSTROM

Rosy pink with salmon shades. Large.

THOR

Deep salmon-pink. Large, attractive. 35c each: \$3.50 per Doz.

VON HOCHBERG

Rich deep crimson. A good red.

W. C. EGAN

Delicate lilac-pink with rosy center.

Prices, except where noted, 25c each; \$2.50 per Doz.

BLEEDING HEARTS

Old-fashion variety.

75c each.

In addition to the above we have a good assortment of Hardy Perennials suitable for planting this 2-year-old field grown plants. 25c and 35c each.

Ornamental Shrubs and Trees including Fruit Trees

Almond—Flowering, pink, 18-24 in.	08.08
3-4 ft,	1.00
White, 18-24 in	.80
Althea—Rose of Sharon, red and pink, 2-3 ft	.50
Specimen plants	.90
Barberry—Thunbergii, good bushy plants each	.30
Deutzia—Pride of Rochester, pink in bud and white in flower, 3-4 ft	.50 .75
Dogwood—Red, 3-4 ft	.50
Dogwood—Yellow, 3-4 ft	.50
Elder—Golden, 3-4 ft., strong	.60
Forsythia (Golden Bell)—3-4 ft	.50
Large specimen plants	1.00

High Bush Cranberry—Viburnum, 18-24 in	.75			
HoneysuckleBush, Tartarica, pink, 4-5 ft				
Honeysuckle-Bush, Morrowii, red fruit, 2-3 ft				
Hydrangea Paniculata—18-24 in	.50			
2-3 ft,	.75			
Hydrangea Ab. (Hills of Snow)—18-24 in	.60			
Lilac—Persian Purple, 2-3 ft	.50 .75			
Lilac—Common Purple	.75			
Larger plants	.40			
Lilac—Common White, 2-3 ft	.60			
Stronger plants	.80 1.25			
Strong specimen plants	1.50			
Snowball—Common (Virburnum), 18-24 in	.70			
2-3 ft.	.90			
Snowberry—Strong plants	.40			
Spirea Anthony Waterer—18-24 in., strong clumps	.50			
Spirea Frobelli—18-24 in., strong clumps	.50			
Spirea Vanhouette—2-3 ft.	.50			
4-5 ft., heavy	.75			
Spirea Ninbark—Golden, strong, 3-4 ft.	.50			
Syringea (Mock Orange)—3-4 feet	.50			
Syringea—Philadelphus Virginalis, strong plants	1.00			
Weigelia Rosea—Pink, 2-3 ft	.50 .75			
Weigelia Eva Rathke—Crimson, strong plants, 2-3 ft	1.00			
Weigelia Variegata—Variegated leaves, pink flow-				
ers, strong, 2-3 ft				
ORNAMENTAL TREES				
Bechtold's Double Flowering Crab-2-3 ft.	31.25			
Catalpa Bungei—2-year heads	2.00			
Stronger heads				
Flowering Peach—Red and white, strong, 3-4 ft	1.00			
Maple Trees (Silver)—7-8 ft., small but practical tree to plant	61			
8-10 ft. 1 in. cal	1.50			
8-10 ft., 1¼ in. cal.				
Mountain Ash—6-8 ft	1.50			
Purple Leaved Plum	1.00			
Poplars—Lombardy, 8-10 ft	.75			
10-12 ft,	1.00			
Sycamore—European, 8-10 ft	2.75			
American—8-10 ft,				
$1\frac{1}{4} - 1\frac{1}{2}$ in, cal.	3.50			

FRUIT TREES

A general assortment of fruit trees at moderate prices.

FERTILIZERS

We can furnish you with the following fertilizers:

FLORANID. A very highly concentrated food imported from Germany. No other fertilizer that has ever been put on the market is recommended so highly as this product. A very small amount will go a long way. It will pay you to give this a trial, both for your Dahlias and other purposes. Excellent for house plants and so on. A quick-acting fertilizer for immediate results only.

A booklet will be sent with each order giving full instructions as to how to use it.

We are distributors in the Middle West for Floranid.

Trial cans, sufficient to make 10 gallons of liquid fertilizer, prepaid, 15c.

1-lb. cans, prepaid, 75c.

50-lb. bags, \$12.00.

Larger quantities on application.

BONE MEAL. 10 lbs., 65c; 25 lbs., \$1.50; 50 lbs., \$2.50; 125-lb. sacks \$5.00.

COW MANURE. Shredded and dried and therefore very highly concentrated, easily handled. You will find this most excellent to use on your lawns, gardens, around shrubbery and all flowering and bedding plants. Use it for your dahlias a little stronger than instructions for sheep manure. Especially fine to use in a liquid form. 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.65; 100 lbs., \$3.00.

PULVERIZED SHEEP MANURE. 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.65; 100 lbs., \$3.00.



better lawns

"I have tried other plant foods in making new lawns and rehabilitating old lawns," writes Mr. Floyd R. Murray, of Hammond, Indiana.

"No other plant food has given the results shown by Vigoro.

"Grass was up within nine days after planting!"

You can have equal success with Vigoro for lawns, flowers, gardens, shrubbery and trees.

Clean, odorless, easy to apply, it is not to be compared with any other plant food you have ever known. Its cost is remarkably low!

VIGORO Specially prepared plant food

A Swift & Company product

The above testmionial is sufficient evidence of the value of this product. Has been tested by thousands of others who give as strong a testimonial as the above.

PRICES

5	lbs.	 \$.50
25	lbs.	 1.75
100	lbs.	

F. O. B. St. Louis

Any of the above fertilizers except Floranid (which needs to be used very sparingly) may be used freely when the ground is prepared in the spring and as a top dressing during the growing season, being careful to rake it in well. Would be very greatly benefited by a liberal watering immediately after applying.

All fertilizers except where noted sent C. O. D. for postage or expressage.